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TELEPHONE CONFERENCE FILE MEMO

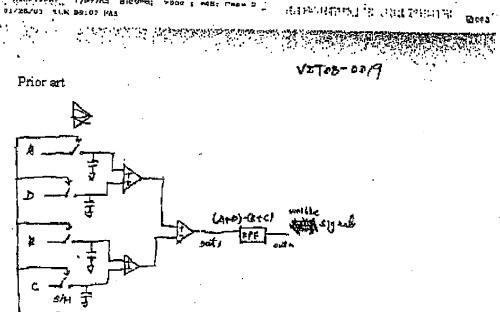
RABIN & BERDO

Date JUNE6, 07 Time 11, 33 AM Docket No. TOP 280
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With Examiner/Clerk 15 Carul Gupta Phone 57/272 5260
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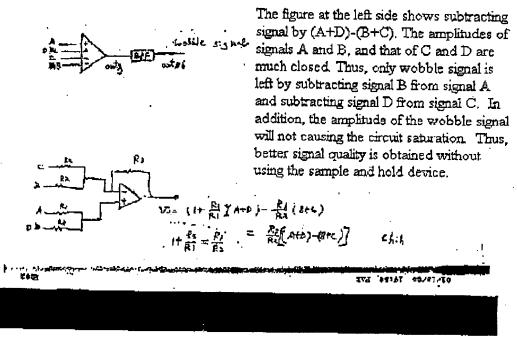
DECLARATION OF TRANSLATOR

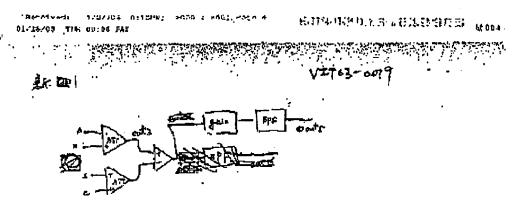
I Tai-Jung LU of TOP TEAM INTERNATIONAL PATENT & TRADEMARK OFFICE located at 3rd Fl., No. 279, Sec. 4, Hsin-Yi Rd., Taipei, Taiwan, R.O.C, translator of the provisional application for patent (serial no. 60/442,913) do hereby declare that I am literate in both Chinese and English language, and I certify that the accompanying English-language document is, to the best of my knowledge, a true an accurate translation of the originally-filed Chinese-language provisional application for patent (serial no. 60/442,913).

Signature	Tai-jung Lu	Date	2009, 3.2
	Tai-Jung LU	•	

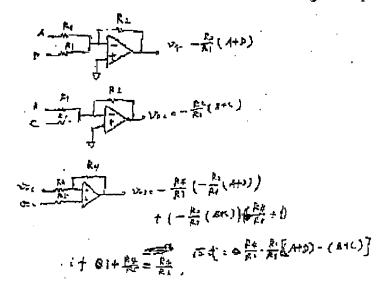


Conventional method: as shown above, the sample and hold device is required to avoid large laser power during data writing. However, the wobble signal is cut during operation of the sample and hold device, deteriorating the signal quality after filtered by BPF.





As shown above, signals A. B., C., and D are attenuated using attenuators before providing to the circuit. Thus, signal amplitudes are similar to data reading operation. Next, the wobble signal is obtained at out3 by subtracting the attenuated signal B from the attenuated signal A and subtracting the attenuated signal D from the attenuated signal C. Finally, the wobble signal is gained to an original power level. Thus, better signal quality is also obtained without using the sample and hold device.



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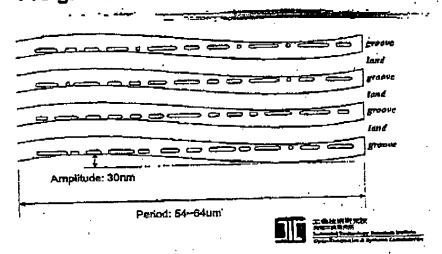
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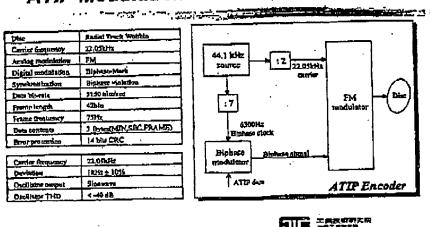
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Pre-groove and Wobble

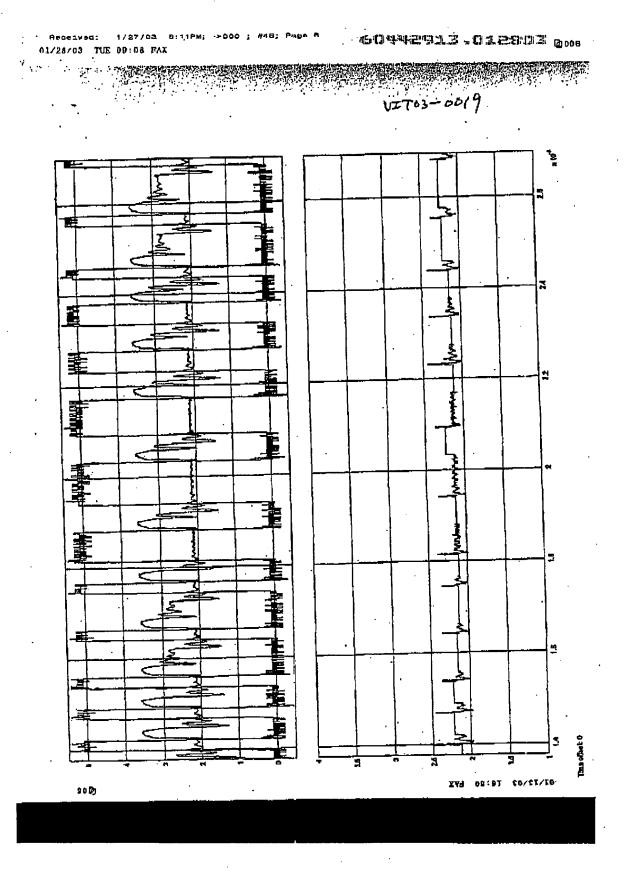


ATIP Modulation



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PAGE 5/8 * RCVD AT 6/8/2007 12:36:41 PM [Eastern Daylight Time] * SVR:USPTO-EFXRF-5/15 * DNIS:2738300 * CSID:2024085297 * DURATION (mm-ss):03-02

